

Algebra I Syllabus

Instructor: Mr. Ritzheimer
 Classroom: 142
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 School Website: <http://rushartsonline.org/>
 Course Website: <http://ritzheimer.wikispaces.com/>

Course Description

Algebra I includes the introduction of variables, constants, expressions, equations, and functions. The language of numbers is examined. Topics include solving equations, simplifying expressions, understanding the algebraic order of operations, performing operations with positive and negative numbers, exploring polynomials, graphing, probability, statistics, and expanding arithmetic knowledge.

Course Schedule

Semester 1

Chapter 1: From Patterns to Algebra
 Chapter 2: Operations in Algebra
 Chapter 3: Equations
 Chapter 4: Proportional Reasoning and Statistics
 Chapter 13: Probability
 Chapter 5: Linear Functions
 Chapter 6: Inequalities and Absolute Value

Semester 2

Chapter 7: Systems of Equations and Inequalities
 Chapter 8: Exponents and Exponential Functions
 Chapter 9: Polynomials and Factoring
 Chapter 12.1: Operations with Radicals
 Chapter 10: Quadratic Functions
 Chapter 11: Rational Functions
 Chapter 12.2-12.7 Radical Equations/Intro to trig.

Grading Policy

Tests, Quizzes, Presentations and Projects	60%
Class Work & Class Participation	20%
Constructed Response Questions	10%
Homework	10%
Total	100%

Grade Reports

Individual grade/attendance reports are available online at <https://jupitergrades.com/login>
 To set up your account, use the information that was given to you in class.

Extra Availability

After school—**Rm. 142**

Homework help also available through online discussion board at <http://ritzheimer.wikispaces.com/>

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Anecdotal Record (Teacher Use Only)

Required Materials

1. Notebook
2. Pen or Pencil
3. One *ream* of 8 ½" X 11" white copy paper. A *ream* contains about 500 sheets of paper. **Please write your name on the outside cover before handing it in.**
4. A calculator is not required, but is recommended for use at home. The Texas Instruments® TI-30X Scientific Calculator is a decent choice. It sells for about \$14.99 at Staples and most Pharmacies. Students will use a TI-84 Plus graphing calculator in class. It is a great calculator, but it is expensive.

Homework Policy

- Homework will be posted on the board before the end of class.
- Every problem must be attempted in order to receive full credit.
- Weekly quiz problems will be taken directly from the homework.
- **Material distributed in class can be found as a pdf file on JupiterGrades. If a student is absent it is their responsibility to make up the homework/classwork and show it to me.**

Assessment Policy

- Quizzes will occur once per week.
- At least one week notice will be given for a major test.
- If a student is absent on a test day, the test will be made up on the first day back to school.
- Cheating will not be tolerated and will result in a grade of zero.

Cheating and Plagiarism Policy

Cheating and academic misconduct will be treated as serious offenses in this course. I consider academic misconduct to be any act that can give unfair academic advantage to a student, his/her grades, or his/her records. This dishonesty includes, but is not limited to the following:

Copying homework, quiz, or test answers

Asking someone to tell you what is on the quiz or test

Taking credit for someone else's work

Plagiarism (using someone's ideas without giving them credit)

Using any unauthorized electronic device during an assessment (cell phones, iPods, etc.)

Expectations

1. Be respectful.
2. Arrive on time, with the required materials.
3. Participate in your education.
4. Keep cell phones/mp3 players off and away.



.....Cut and return the signed form below.

I HAVE READ AND UNDERSTAND THE POLICIES OF MR. RITZHEIMER'S CLASS.

Student Name (Print) _____

Student Signature _____

Parent Name (Print) _____

Parent Signature _____

Parent Phone/email address _____